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ABSTRACT

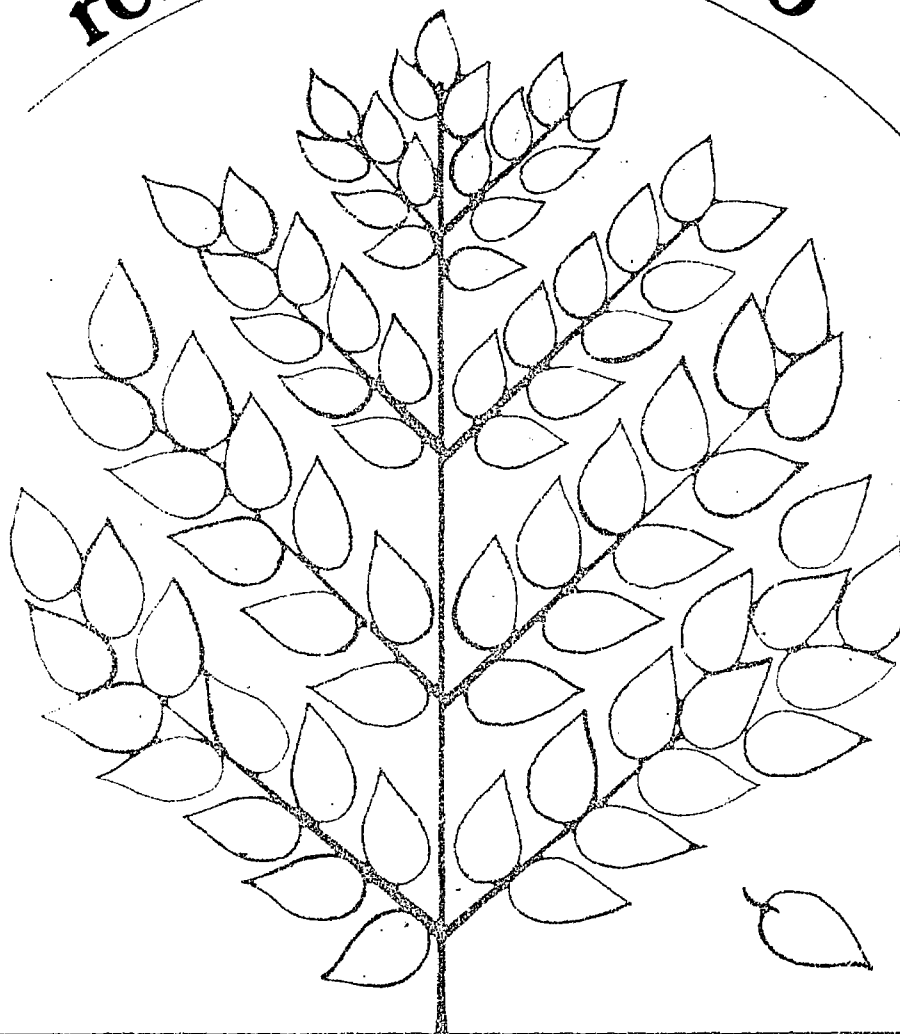
Prepared to familiarize educators with the wide variety of materials available for environmental education, this bibliography and resource guide lists curriculum materials which would be useful in kindergarten through adult levels of education. To facilitate use of the guide, it is divided into seven sections: (1) Books--dealing with environmental topics, primarily for teacher background information; (2) Journal Articles--selected from professional education journals and popular periodicals, emphasizing education and the environment; (3) Multimedia Materials--each kit is described briefly giving its contents, purpose, recommended grade level, cost, and publisher; (4) Periodicals--both those devoted specifically to environmental topics and those that usually carry articles on environmental issues and problems; (5) Sources for Free and Inexpensive Materials--lists organizations and the materials they will provide free or at low cost to school districts; (6) Film Guide--16mm films that can be borrowed at little or no cost; notes a brief description of the content, color or black and white, length, free or rental, rental cost, source, and grade level; this section is also indexed separately by grade level and environmental topic; and (7) Program and Materials Evaluation Criteria--a form to rate materials. This work was prepared under an ESEA Title III contract.
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resource guide to



environmental education

Department of Education Division of Curriculum & Instruction

Branch of Administration, Supervision and Curriculum Services

SE 016 584

RESOURCE GUIDE TO ENVIRONMENTAL EDUCATION

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Prepared jointly by

The New Jersey Department of Education
Division of Curriculum and Instruction
225 West State Street
Trenton, New Jersey 08625

Dr. Carl L. Marburger
Commissioner of Education

Dr. William A. Shine
Assistant Commissioner
Division of Curriculum and Instruction

Louis A. Iozzi
Consultant in Environmental Education
Division of Curriculum and Instruction

and

The New Jersey State Council for Environmental Education
at Montclair State College
Upper Montclair, New Jersey 07043

Dr. Edward J. Ambry, Director

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INTRODUCTION

One of the dominant issues of our times concerns man and his relationship to his rapidly deteriorating environment. At last society is coming to realize that if mankind is going to survive on this planet, effective and intelligent action must take place. But action - if it is to be effective - must first be preceded by the acquisition of knowledge regarding the intricacies of nature and how man relates to his natural, man-made and social environments.

If we are ever to have an environmentally literate citizenry, one thing is clear - education must play a major role. But education must not only provide environmental facts, it must also stress the clarification of attitudes and values. It must help each person to see how he can participate in preventing further deterioration of our planet, and how each member of society can assist in improving his surroundings.

Resources for Environmental Education has been prepared to familiarize the educators of New Jersey with a wide variety of materials that are available for environmental education. To facilitate your using this guide, it has been divided into several sections:

Section A - A SELECTED BIBLIOGRAPHY FOR ENVIRONMENTAL EDUCATION BOOKS. A listing of books dealing with environmental topics. All are for teacher background information and most can be used by secondary school students.

Section B - A SELECTED BIBLIOGRAPHY FOR ENVIRONMENTAL EDUCATION - JOURNAL ARTICLES. Selected articles from the various professional education journals and popular periodicals. Emphasizes education and the environment.

Section C - MULTIMEDIA MATERIALS FOR ENVIRONMENTAL EDUCATION. A listing of multimedia kits for use in environmental education programs. Each item is described briefly giving kit contents, purpose, recommended grade level, cost and publisher.

Section D - PERIODICALS FOR ENVIRONMENTAL EDUCATION A listing of periodicals devoted specifically to environmental topics. Also lists many other periodicals that usually carry articles on environmental issues and problems.

Section E - SOURCES OF FREE AND INEXPENSIVE MATERIALS
A Listing of organizations and the materials they will provide free or at very low cost to school districts.

Section F - FILM GUIDE FOR ENVIRONMENTAL EDUCATION
A listing of 16mm films for environmental education. Primarily contains films that can be borrowed at little or no cost. Each listing contains a brief description of the film, indicates whether free or rental, rental cost, source, and other pertinent information. This section is also indexed according to grade level and environmental topic.

Section G - PROGRAM AND MATERIALS EVALUATION CRITERIA
An aid to assist the educator in evaluating materials for environmental education

Administrators, curriculum directors, teachers, and anyone concerned with purchasing materials for environmental education should also visit the resource libraries at the following locations to examine first-hand many of the materials listed in this guide:

NORTHERN REGION

New Jersey State Council for Environmental Education
Montclair State College
Upper Montclair, New Jersey

SOUTHERN REGION

Conservation and Environmental Studies Center
Whitesbog (Browns Mills) New Jersey

It should be noted that this guide is intended for notebook insertion to facilitate periodic revision.

SECTION A

A SELECTED BIBLIOGRAPHY FOR ENVIRONMENTAL EDUCATION

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29:48-49.

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86:20.

"What Schools Can Do About Pollution: A Symposium." Today's
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SECTION C

MULTIMEDIA MATERIALS

FOR

ENVIRONMENTAL EDUCATION

An African Essay. 2 Filmstrips, 2 Records or cassettes
A safari through Africa emphasizing man's kinship
with nature and animals. Excellent interdisciplinary
approach.
Gr. 4-12 \$35.00 Records, \$39.00 Cassettes Guidance

Blowing Sands, Deserts In America (Filmstrip)
How sand forms and how animals and plants adapt to
their environment.
Gr. 2-6 \$6.00 Troll

Conservation: Saving Our Environment (4 Filmstrips)
Air and water pollution, soil, wild life.
Gr. 2-6 \$24.00 Troll

Earth Corps I: An Introduction to Ecology and Conservation,
Units 1 and 2. (each unit - 24 student paperbacks,
9 transparencies, Guide).
Introduces basic principles of ecology and stimulates
environmental awareness and activity.
Gr. 3-6 \$24.00 Scholastic

Earth Corps II: Environmental Awareness Study Program,
Units 1 and 2. (each unit - 24 student paperbacks,
guide, poster, transparencies, 20 photos, record,
song sheets).
Excellent program to stimulate environmental awareness
and activity.
Gr. 1-6 \$24.00 Scholastic

Earth Island: An Introduction to Ecology In Action
(3 Filmstrips, 2 records, student handbook, Guide,
4 posters, 22 data cards).
The interrelationship of everything in the natural
environment, man's growing control of the environment,
and the effects of it.
Gr. 4-8 Simon and Schuster

Ecolab. (208 cards, Teachers Guides)
Research activities that lead students to explore
urban and rural environments, their own neighborhoods,
etc.
Gr. 5-8 \$6.95 Milliken

Ecology of Polluted Water (87 slides, cassette, script).
Causes of water pollution, effects on man and his environment, methods available to help clean polluted water.

Gr. 8-12 \$50.00 Nasco

Environment: Changing Man's Values, (2 Filmstrips, 2 Records, guide).
Good survey of environmental problems and some causes. Discusses role of individuals, government, industry, etc.

Gr. 5-8 Guidance

Environmental Crises: What the Individual Can Do.
(Filmstrip, record, guide, script).
Specific alternatives to current life styles to reduce air and water pollution. High student involvement.

Grade 3-12 N.E.A.

Environmental Education Pictures Packet. (12 prints)
Colorful prints illustrating food web, water cycle, water pollution.

Gr. K-6 \$32.00 Silver-Burdett

Environment of Man: Set 1. Ecology and Environment.
(5 Filmstrips, Records, guide)
Man and his environment and effects of man's activities on his environment. Well done for science and social studies.

Gr. 9-12 \$59.00 AVI

Environment of Man: Set 2. Man and Nature. (5 Filmstrips, records, guide).

See set 1 description
Gr. 9-12 \$59.00 AVI

Environmental Studies (ES)
(4 packets - each containing 50 activities, guide).
Each assignment card consists of an ambiguous invitation to go into the immediate environment and explore some aspects of that environment. Stresses affective development. Excellent.

Gr. K-Adult \$10.00/packet ES

Investigations In Ecology: A Biological Approach Slide System. (360 slides)

Broad aspects of ecological structures and relationships.

Gr. 6-12 \$119.00 Denoyer

Lets Read and Find Out (10 Filmstrips, 10 recordings or cassettes, 10 student texts).

Animals and insects in nature, their life cycles, relationships and interdependence with all living things. Excellent for open classrooms and for independent study.

K-4 \$139.50 Crowell

Lets Tour Megalopolis. (12 transparencies, 6 spirit masters, guide).

Describes characteristics and problems of large urban centers.

Grades 5-8 \$6.95 Milliken

Man: An Endangered Species. (10 Tapes, 39 transparencies, guide).

The population crises. Excellent for open classrooms and independent study.

Grades 7-12 \$99.50 (Reels) \$85.50 Cassettes Amidon

Man and His Environment (Filmstrip, record, booklets, guide).

Guide for teachers in developing an interdisciplinary approach to environmental Education.

Teachers \$17.00 NEA

Man's Natural Environment: Crises through Abuse

(2 Filmstrips, 2 records or cassettes, guide).

"Death" of Lake Erie, dangers of the various kinds of pollution, outlines ways to solve the environmental problem.

Grades 7-12 \$39.00 Guidance

Our Changing Year. (4 cassettes)

Explains and discusses the changing seasons.

Gr. 3-6 \$18.40 Troll

Our Earth to Use and Preserve (4 cassettes)

Explains and discusses the importance of protecting the environment

Gr. 3-6 \$18.40 Troll

- Our Environment I. Fresh Water Communities. (4 Filmstrips, 4 records, 10 transparencies, 2 wall charts, spirit masters)
Exploration of ecological and social problems, encourages students to investigate possible solutions in their own communities. Good for urban, suburban, and rural areas.
Gr. 4-6 \$66.00 EMC
- Our Environment II. Sound and Noise. (2 filmstrips, 2 records, wall chart).
See Our Environment I for description.
Gr. 4-6 \$30.00 EMC
- Our Environment III. Aesthetics, (2 filmstrips, 2 records, guide).
See Our Environment I for description.
Gr. 4-6 \$32.00 EMC
- Our Environment IV Atmosphere. (4 Filmstrips, 4 records, 4 wall charts, spirit masters, guide).
See Our Environment I for description.
Gr. 4-6 \$69.00 EMC
- Our Green and Growing World. (4 cassettes).
The roll of trees and plants in the environment.
Gr. 3-6 \$18.40 Troll
- Our Polluted Air. A Mobile Workshop (73 illustrations, flannel board, teachers guide).
Step by step approach to the study of pollution, its causes, effects. Good in urban as well as suburban and rural areas.
K-6 \$45.00 Penn T.B.
- Perception: The World Around You: I - The City.
(2 Filmstrips, 2 records, guide)
Combines art, science, music, language arts to develop environmental awareness and appreciation of the natural world. Good for urban classroom.
K-2 \$30.00 Ed. Dim.
- Perception: The World Around You: II - The Seasons.
See Perception I for description
K-2 Ed. Dim.
- Perception: The World Around You: III - Birds.
See Perception I for description
K-2 Ed. Dim

Pollution: Open Your Eyes (2 Filmstrips, record, guide).

Basic introduction to air, soil, and water environments; primitive plants.

Gr. 4-6 \$23.00 Avid

Priority I - Environment (Multimedia Kits) Available

April 1, 1973. Six kits - air pollution, water pollution, solid waste, Marine and seashore pollution, thermal pollution, The Great Swamp. Contain student booklets, films, Filmstrips, transparencies, pre and post texts, Demonstration and lab materials.

Gr. 4-6 McGraw Hill

The Balance of Nature/Pollution. (2 Filmstrips, record)

Good introduction to basic ecology.

Gr. 5-9 \$18.00 Avid

The Ecological Crises. (6 Filmstrips, 3 records, or cassettes, guide).

Over population, pollution and how they threaten man.

Gr. 7-12 \$69.00 (records) \$72.00 Cassettes Q-ED

The Environment - Challenge of the '70's. (6 tapes, guide).

Interviews with government officials on environmental problems and solutions.

Gr 9-12 \$50.00 Washington

The Last Free Bird. (Filmstrip, cassette, script)

How technological progress is destructing the natural world. A rather negative approach.

Gr. K-3 \$9.25 Weston

The Mouse in the Maze. (Game) Computer cards designed to stimulate choices made by "mice in Maze" solving problems.

Gr. 7-12 \$6.00 Houghton-Mifflin

The Planet Management (Game) Players act as decision makers on an imaginary planet. Students "solve" environmental problems through role playing.

Gr. 7-12 \$12.00 Houghton-Mifflin

The Pollution Game

Players try to agree on proposals to improve environmental quality; the profit motive vs. human values.

Gr. 7-12 \$9.00 Houghton-Mifflin

The Redwood Controversy (Game)

Players engage in a Senate hearing on a proposal for Redwood National Park, discovering conflicts between ecological, financial, our political interests.

Gr. 7-8 \$7.50 Houghton-Mifflin

The Role of Trees in the Environment. (4 Filmstrips, 4 records)

Trees, their life cycles, relationship to the environment. Good for Biology, general science, and lends itself to a humanistic approach. Includes art, English, etc.

Gr. 9-12 \$44.00 Imperial

The Seventies: Decade for Decisions (Filmstrip, record, guide)

Explores technological and other changes that will affect the environment in the next decade.

Gr 7-12 \$9.00 N.Y. Times

The Underwater Environment (4 Filmstrips, 4 records or cassettes)

Introduction to the underwater world and its inhabitants.

Gr 5-10 \$44.00 records, \$51.00 cassettes Imperial

The Wisdom of Wilderness. (filmstrip, record or cassette, guide).

Charles Lindbergh discusses his personal philosophy that led him to end military and technological projects and become an environmentalist. Good interdisciplinary approach

Gr 7-adult \$18.00 records, \$20.00 cassette Guidance

Topics in Ecology: I. What is Ecology? (Filmstrip, record, guide)

Excellent interdisciplinary problem solving approach to environmental education. Makes students aware of problems they may have previously considered, value clarification.

Gr. 5-12 \$9.95 Multi-Media

Topics in Ecology: II. What is Pollution? (Filmstrip, record, guide)

See Topics in Ecology I for description.

Gr. 5-12 \$9.95 Multi-Media

Topics in Ecology III. What is Air? (Filmstrip, record, guide).

See Topics in Ecology I for description

Gr. 5-12 \$9.95 Multi-Media

Topics in Ecology IV. The Automobile: Beyond Air Pollution.

(Filmstrip, record, guide).

See Topics in Ecology I for description

Gr. 5-12 \$9.95 Multi-Media

Topics in Ecology V. Prosperity Equals Pollution. (Filmstrip, record, guide)

See Topics in Ecology I for description

Gr. 5-12 \$9.95 Multi-Media

Total Environment: The ABC's of the Total Environment. (Student Activity Manual, Teachers guide, Study Prints, Sound filmstrips and cassettes)

A multidisciplinary approach to environmental education.

An action program covering all phases of the environment.

Well done.

Gr. 4-6 \$48.50 Steck Vaughn

Vision and Environment: A World of Color.

Art, humanities and the environment.

Gr. K-2 Ed. Dim.

Water, Servant to Man. (Filmstrip).

How man uses and is dependent upon water.

Gr. 1-5 \$6.00 Troll

Whats Under the Farmer's Garden? (Filmstrip).

How plants grow; animals and insects in the garden.

Gr. K-4 \$6.00 Troll

Young Scientists Investigate Pollution. (4 Filmstrips, 2 records or cassettes, guide).

Air and water pollution problems and projects developed from student science fair projects.

Gr. 5-8 \$32.50 records \$35.50 cassette SUE

PUBLISHERS

A.V.I. Associates
825 Third Avenue
New York, New York 10022

Avid Corporation
10 Tripps Lane
E. Providence, R.I. 02914

Benefic Press
10300 West Roosevelt Road
Westchester, Illinois 60633

Denoyer-Geppert
5235 Ravenswood Avenue
Chicago, Illinois 60640

EMC Corporation
180 East 6th Street
St. Paul, Minnesota 55101

Educational Dimensions Corp.
Box 146
Great Neck, New York 10023

Environmental Studies
Box 1559
Boulder, Colorado 80302

Guidance Associates
Pleasantville, New York 10570

Houghton-Mifflin
110 Tremont Street
Boston, Massachusetts 02107

Imperial Film Company
4404 South Florida Avenue
Lakeland, Florida 33803

McGraw Hill

Milliken Publishers
611 Olive Street
St. Louis, Massachusetts 63101

Multi-Media Productions
580 College Avenue
Palo Alto, California 943066

Nasco
901 Jonesville Avenue
Fort Atkinson, Wisconsin 53538

National Education Association
1201 16th Street., N.W.
Washington, D.C. 20036

Paul S. Amidon and Associates
5408 Chicago Avenue
S. Minneapolis, Minnesota 55417

Pennsylvania T.F. and
Resp. Associates
311 South Juniper Street
Philadelphia, Pennsylvania 19107

Scholastic Magazines
904 Sylvania Avenue
Engelwood Cliffs, New Jersey 07632

Silver Burdett
250 East James Street
Morristown, New Jersey 07960

Simon and Schuster
1 West 39th Street
New York, New York 10010

Steck-Vaughan Company
P. O. Box 2028
Austin, Texas 78767

Society for Visual Education
1345 Diversey Parkway
Chicago, Illinois 60614

T.Y. Crowell
201 Park Avenue
New York, New York 10003

New York Times
Book and Education Division
229 West 43rd Street
New York, New York 10031

Troll Associates
320 Route 17
Mahwah, New Jersey 07430

Washington Tapes
5540 Connecticut Avenue, N.W.
Washington, D.C. 20015

Weston Woods Studios
Weston, Connecticut 06880

Q-ED Productions
2921 West Alameda Avenue
Burbank, California 91505

SECTION D

A SELECTED BIBLIOGRAPHY FOR ENVIRONMENTAL EDUCATION

Periodicals

American Forests. The American Forestry Association,
919 Seventh Street, N.W., Washington, D. C. 20006.
\$6.00 a year.

Audubon. 1130 Fifth Avenue, New York, New York
10028. \$8.50 a year.

Bioscience. American Institute of Biological Sciences,
3900 Wisconsin Avenue, N.W., Washington, D. C.
20016. \$12.00 a year. Monthly.

C F Letter. The Conservation Foundation, 1250 Connecticut
Avenue, N.W., Washington, D. C. 20036.
Monthly, \$6.00 a year.

Conservation News. National Wildlife Federation,
1412 Sixteenth Street, N.W., Washington, D.C.
20036. Bi-Weekly. Free.

Conservation Report. National Wildlife Federation,
1412 Sixteenth Street, N.W., Washington, D.C.
20036. Weekly during sessions of Congress. Free.

Current Science. American Education Publications,
Science Division, 55 High Street, Middletown,
Connecticut 06457. Weekly.

Daedalus. American Academy of Arts and Sciences,
280 Newton Street, Brooklyn Station, Boston,
Massachusetts 02146. Four issues a year,
\$7.50.

Ecology Today. Box 180, West Mystic, Connecticut
06388. Alternates with a bimonthly newsletter.
Annual subscription for both is \$6.00.

Environment. Committee for Environmental Information,
438 North Skinner Boulevard, St. Louis, Missouri
63130. 10 issues a year, \$8.50.

Environmental Education. Dembar Educational Research
Service, Box 1605, Madison, Wisconsin 53701.
Quarterly, \$7.50 a year.

F.A.O. Review. Food and Agricultural Organization of
the United Nations. Bimonthly, \$2.50.

Nation's Cities. 1612 K Street, N.W., Washington,
D.C. 20006. Monthly, \$6.00 a year.

National Geographic Society. 17th and M Streets, N.W.,
Washington, D. C. \$9.00 a year.

National Wildlife. National Wildlife Federation,
1412 Sixteenth Street, N.W., Washington, D.C.
20036. Bimonthly, \$5.00 a year.

Naturalist. Natural History Society, 315 Medical
Arts Building, Minneapolis, Minnesota 55402.
4 times a year, \$4.00.

Nature and Science. Natural History Press, Garden
City, New York. Students, \$1.95 for 16 issues.
Teacher's Editions, \$5.50 a year.

Nature Study. American Nature Study Society, J. A.
Gustafson, R.D. 1, Homer, New York 13077.
\$5.00 a year. Quarterly.

Our Environment. Issues for Today Series. Pamphlets.
Readers Digest Services.

Outdoor Education. George W. Donaldson, Editor.
Box 299, Oregon, Illinois 61061.

Population Bulletin. Population Reference Bureau,
1755 Massachusetts Avenue, N.W., Washington,
D.C. 20036. \$3.00 a year.

Ranger Rick's Nature Magazine. National Wildlife
Federation, 1412 Sixteenth Street, N.W., Washington,
D. C. 20036. 10 issues a year, \$6.00.

Science. American Association for the Advancement of
Science, 1515 Massachusetts Avenue, N.W.,
Washington, D. C. 20005. Weekly, \$16.00 a year.

Science News. Subscription Department, 231 West Center
Street, Marion, Ohio 43302. Weekly, \$10.00 a year.

Scientific American. 415 Madison Avenue, New York, New York
10017 Monthly, \$10.00 a year.

TEEM. Teachers Environmental Enrichment Materials. T.E.
Denison and Company, Inc., 5100 West 82nd Street,
Minneapolis, Minnesota 55431. 9 Issues a year,
\$12.50.

The Living Wilderness. Wilderness Society, 729 15th Street, N.W., Washington, D. C. 20005. Quarterly.

The Sierra Club Bulletin. Sierra Club, 1050 Mills Tower, San Francisco, California 94104. Monthly, \$5.00 annually.

Other national periodicals which frequently carry environmental articles:

American Heritage

American Institute of Biological Sciences Journal

American Scientist

Art Education Journal

Atlantic Monthly

Behavior and Environment

Environmental Science and Technology

Harper's

Life

National Academy of Sciences Bulletin

National Parks and Conservation Magazine

Natural History

Newsweek

New Yorker

New York Times Magazine

Outdoor Life

Saturday Review

Society of Civil Engineering Journal

Society of Natural Resources Journal

Sports Afield

Sports Illustrated

Summit Magazine

Time

SECTION E

Environmental Education

Sources of Free and Inexpensive Materials

A. B. Dick. 5700 Touhy Ave., Chicago, Illinois 60648
Air Pollution dittos #70-132. Complimentary to teachers.

Agricultural Research Service. Federal Center Building,
Hyattsville, Md. 20782

Allied Chemical Corp. Public Relations Department,
40 Rector Street, New York City 10006

The Aluminum Association. 420 Lexington Avenue,
New York City 10017

American Conservation Association, Inc. 30 Rockefeller Plaza,
New York City 10020

American Education Publications. Education Center,
Columbus, Ohio 43216

No. 341	Science in City and Suburbs	
342	Secrets of the Sea	Grades 7-9
347	The Earth and Its Story	
357	What Insect is That?	
362	Our Polluted World	
364	Physical Geography	Grades 7-12
370	The Conservation Story	

\$.35 each

American Forestry Association. 919 17th Street, N. W.,
Washington, D. C. 20006

American Forest Institute. 1835 K Street, N. W.,
Washington, D. C. 20006

American Medical Association. 535 North Dearborn Street,
Chicago, Illinois 60610

American Oil Company. 910 S. Michigan Avenue,
Chicago, Illinois 60680

American Paper Institute. 260 Madison Avenue,
New York City 10016
"The Paper Industries Part in Protecting the
Environment" Free.

American Petroleum Institute. Committee on Public Affairs,
1271 Avenue of the Americas, New York City 10020
"Clearing the Air"
"Conserving Our Waters and Clearing the Air"

American Waterworks Association. 2 Park Avenue,
New York City 10016
"The Story of Water Supply"

Boy Scouts of America. National Council, New Brunswick,
New Jersey 08903

Camp Fire Girls, Inc. 65 Worth Street, New York City 10013

California Redwood Association. 567 Sacramento Street,
San Francisco, California

Camden County Extension Service. 152 Ohio Avenue,
Clementon, New Jersey 08021

Channing L. Bete Co., Inc. 45 Federal Street,
Greenfield, Massachusetts 01301
"Needed - Clean Air"
"Needed - Clean Water"
"It's a Dirty Old World"

Citizens for Clean Air. 502 Park Avenue, New York City,
10016

Coca Cola Bottling Company. 425 E. 34th Street,
New York City

Concern, Inc. 2100 M. Street, N. W., Washington, D. C.,
20047
"Eco Tips" - One page card
Consumer habits which reflect concern for the
environment. \$5.00 per 100.

Curriculum Development Council for Southern New Jersey.
Glassboro State College, Glassboro, New Jersey 08028
"Focus on Environmental Education" Resource Book.
\$2.00.

The Conservation Education Association. 1250 Connecticut
Avenue, N. W., Washington, D. C. 20036

Conservation and Environmental Studies Center. Box 2230,
R. D. #2, Browns Mills, New Jersey 08015

The Conservation Foundation. 1717 Massachusetts Avenue,
Washington, D. C. 20036
Booklets and Reprints
"Your Right to Clean Air - A Manual for Citizen
Action" 96 pp. Free.
"An Environment Fit for People" 28 pp. \$.20 for 50
copies
"Challenge to Youth" Free
"America the Beautiful"

Continental Can Company. 633 Third Avenue, New York City
10017

Delaware-Raritan Tuberculosis and Respiratory Disease Assoc.
Alexander Road, Princeton, New Jersey

Delaware River Basin Association. 25 Scotch Road, Box 360,
Trenton, New Jersey 08603

Environmental Protection Agency. Water Quality Office,
Public Information, Room 702, 1626 K Street, N. W.,
Washington, D. C. 20460

Ex-Cell-O Corporation. P. O. Box 386, Detroit, Michigan
48232

Federal Water Pollution Control Administration. Office of
Public Information, Crystal Mill, 1921 Jefferson Davis
Highway, Arlington, Virginia 22022
"About Boats and Water Pollution"
"A New Era for America's Waters"
"Showdown for Clean Water"

Ford Motor Company. Educational Affairs Department,
The American Road, Dearborn, Michigan 48121

The Garden Club of America. 598 Madison Avenue,
New York City 10022

General Federation of Womens Clubs. 1734 North Street, N. W.,
Washington, D. C. 20036

General Motors Corporation. Public Relations Staff,
Detroit, Michigan 48202
"Progress Toward Pollution Free Cars"

Girl Scouts of the United States of America. 830 Third
Street, New York City 10022

Glass Container Manufacturers Institute. Public Affairs
Department, 330 Madison Avenue, New York City 10017
"The Litter Fact Book"
"The Solid Waste Fact Book"

High Rock Park Conservation Center. Nevada Avenue,
Staten Island, New York 10306
Individual Study Units for Grades 1-12. \$.25 each.
Write for details.

Humble Oil and Refining Company. Public Relations Department,
Room 4190, P. O. Box 2180, Houston, Texas 77001
"You Can Help Keep Air and Water Clean"

Industrial Forestry Association. 1410 S. W. Morrison Street,
Portland, Oregon 97205

The Izaak Walton League of America. 1326 Waukegan Road,
Glenview, Illinois 60025

Keep America Beautiful, Inc. 99 Park Avenue, New York City
10016

League of Women Voters of New Jersey. 460 Bloomfield
Avenue, Montclair, New Jersey 07042

Manufacturing Chemists Association. 1825 Connecticut Avenue,
N. W., Washington, D. C. 20009
"Everyday Facts About Good Water"

Massachusetts Audubon Society. Lincoln, Massachusetts 01773
Environmental Education Bibliography for:
Pre-school - Grade 3; Grades 4-6;
Grades 7-9 \$.50 each.

Metropolitan Life Insurance Company. 1 Madison Avenue,
New York City 10010. Health Bulletin for Teachers.
"Troubled Waters" Vol. XXIX, No. 3, 1965.

NASA. Scientific and Technical Information Facility,
P. O. Box 33, College Park, Maryland 20740

National Air Pollution Control Administration. 801 North
Randolph Street, Arlington, Virginia 22203

National Association of Secondary Material Industries, Inc.
330 Madison Avenue, New York City 10017
"Guidelines for Effective Recycling"
"Information About Recycling Resources"

National Association of Conservation Districts. P. O. Box 855,
League City, Texas 77573

National Audubon Society. Educational Services Department,
1130 Fifth Avenue, New York City 10028
Conservation fact sheets.
"Meaning of Conservation," "Air Pollution," "Water
Pollution," "Noise Pollution," "Population," "Solid
Waste," "Thermal Pollution," "Endangered Species,"
"Pesticides," "99 Suggestions for Action," Bibliography.
Write for catalogue of prices.

National Education Association. 1201 Sixteenth Street, N. W.,
Washington, D. C. 20036

National Wildlife Federation. 1412 Sixteenth Street, N. W.,
Washington, D. C. 20036
"National Environmental Quality Index"
"Environmental Education" -\$.10 each
"Students and Teachers! You're Where
the Action Is"
"Environmental Action Ideas"

New Jersey Department of Agriculture. P. O. Box 1888,
Trenton, New Jersey 08625

New Jersey Department of Environmental Protection.
Labor and Industry Building, Box 1390, Trenton,
New Jersey

New Jersey Department of Education. Consultant,
Environmental Education, Division of Curriculum
and Instruction, P. O. Box 2019, Trenton,
New Jersey 08625

New Jersey State Council for Environmental Education.
Montclair State College, Upper Montclair,
New Jersey 07043

New York Conservation Department. State Office Building
Campus, Albany, New York 12226

Pinchot Institute for Conservation Studies.
Milford, Pennsylvania 18337

Pollution Control Education Center. Union Public Schools,
2369 Morris Avenue, Union, New Jersey 07083

Public Affairs Pamphlets. 381 Park Avenue, South,
New York City 10016
398 - "Poverty in the U.S.A."
393 - "A New Look at Our Crowded World"
421 - "An Environment Fit for People"
402 - "The Battle for Clean Air"
136 - "A New Chapter in Family Planning"
373 - "How to Bring Up Your Child Without Prejudice"

\$.25 each or \$.20 each for 10-99 copies

Publications Distribution Office of Solid Waste Management
Program. 5555 Ridge Avenue, Cincinnati, Ohio 45213
"Refuse and Litter Control in Recreation Areas" No. 40
"American Composting Concepts" No. 169
"Refuse of Solid Waste" No. 119
"Plastic Waste in the Coming Decade" No. 179

Resources for the Future. 1755 Massachusetts Avenue, N. W.,
Washington, D. C. 20036

Reynolds Metals Company. Public Relations Manager, 6601 West
Broad Street, Richmond, Virginia 23261

"Questions and Answers About Aluminum Can Recycling"

"Everything You Wanted to Know About Garbage"

Rocky Mountain Center on Environment. 5850 East Jewell
Avenue, Denver, Colorado 80222

Scientists Institute for Public Information. 30 East 68th
Street, New York City 10020

"Air Pollution," "Environmental Costs of Electrical
Power," "Environmental Education - 1970," "Hunger,"
"Pesticides," "Environmental Effects of Weapons
Technology," "Water Pollution," "Nuclear Explosives
In Peacetime" \$1.00 each.

Shell Oil Company. 50 West 50th Street, New York City
10020

Soil Conservation Service. 1370 Hamilton Street, Box 219,
Somerset, New Jersey 08873

Soil Conservation Society of America. 7515 N. E. Ankeny
Road, Ankeny, Iowa 50021

Sport Fishing Institute. Suite 503, 719 13th Street, N. W.,
Washington, D. C. 20005

St. Regis. 150 E. 42nd Street, New York City 10017

Superintendent of Documents. Government Printing Office,
Washington, D. C. 20402

"Controlling Pollution" \$.25

"Toward More Rational Use of the Land" \$.25

"Emerging Problems" \$.30

Tennessee Valley Authority. Information Office,
Knoxville, Tennessee 37902

United States Atomic Energy Commission. P. O. Box 62,
Oak Ridge, Tennessee 37830

United States Department of Agriculture. Soil Conservation
Service, Washington, D. C. 20250

United States Department of Health, Education and Welfare.

Public Health Service, Environmental Health Science,
Rockville, Maryland 20852

"The Sources of Air Pollution and Their Control"

"Working Toward a Better Environment"

"The Citizens Role in Air Pollution"

"Clean Air for Your Community"

United States Department of Health, Education and Welfare.
Office of Consumer Affairs, CEIO
Food and Drug Administration, 5600 Fisher Lane,
Rockville, Maryland 20852

United States Department of Agriculture. Forest Service,
Washington, D. C. 20025

United States Department of the Interior.
Bureau of Land Management
Interior Building, C. Street, Washington, D. C. 20240
Federal Water Pollution Control Administration
Washington, D. C. 20240
Fish and Wildlife Service
Washington, D. C. 20240
Geological Survey
G.S.A. Building, Washington, D. C. 20240
National Park Service
Division of Information, Washington, D. C. 20240
Office of Oil and Gas
Washington, D. C. 20240
Bureau of Outdoor Recreation
Division of Information, Washington, D. C. 20240

United States Department of Transportation. Office of
Environmental Policy, FHWA, Washington, D. C. 20591

Washington Distribution Section. Geological Survey,
Washington, D. C. 20240
Topographic Maps. Write for Index - New Jersey.

Western Wood Products Association. Yeon Building,
Portland, Oregon 97204

Weyerheuser Company. Box A-69, Tacoma, Washington 98401

Wildlife Management Institute. 709 Wire Building,
Washington, D. C. 20005
"Wildlife - The Environmental Barometer"

SECTION F

FILM GUIDE

FOR

ENVIRONMENTAL EDUCATION

Key to Symbols

Grade Levels

- P - Kindergarten to grade 3
- I - Grades 4-6
- J - Grades 7-9
- S - Grades 10-12
- C - College
- A - Adult

Environmental Topics

- A - Environment, General
- B - Ecology
- C - Resources - General
- D - Land and Minerals
- E - Atmosphere
- F - Wilderness, Natural Areas, Wildlife
- G - Water and Oceans
- H - Pollution - General
- I - Air Pollution
- K - Solid Waste
- L - Pesticides and Chemicals
- M - Noise
- N - Energy
- O - Radiation
- P - Transportation
- Q - Population - Urban Problems
- R - Action Plans

Above the Timberline (The Alpine Tundra Zone) Color 17 minutes

Describes the balance of nature which is established by the climatic conditions in the Alpine Tundra belt of the Canadian Rockies. No. 00030 FREE
I,J,S,C,A. New Jersey State Museum

Adelie Penguins of the Antarctic. Color 23 minutes

Life history of these amusing and unusual birds of the Antarctic; courtship ceremonies; nest building; protection against predatory birds and sea lions, search for food. No. 00080 FREE
I,J,S,C,A. New Jersey State Museum

Adventures of Junior Raindrop Color 10 minutes

Animated Cartoon of raindrop's visit to earth. Shows the need for promotion of good watershed management practices. No. 00090
I,J,S,A. New Jersey State Museum

Adventure Rivers Color 27 minutes

Adventures by raft down several famous rivers. No. F-705 FREE
J,S,C,A. Association-Sterling Films

Altered Environments: An Inquiry into the American Wildlands
Color 10 minutes

Man's exploitation of wildlands and Natural Resources. Rental \$8.00
P,I,J. B.F.A.

American Bald Eagle Color 16 minutes

Habits of the eagle and dangers to the specie. FREE No. 00389
All New Jersey State Museum

A Mountain Day Color 9 minutes

The natural beauty of a mountain environment. Rental \$6.00
All Arthur Barr Productions

Animal Adaptations In A Northern Environment. Color 11 minutes

Animals in the Arctic Tundra and how they adapt to a changing environment. Rental \$8.00
All BFA

An Island In Time

Color

28 minutes

The immense variety of our first National Seashore on the Pacific Coast. American seashores have been neglected and left to poorly regulated private development. The National Seashore system and its purposes. No. S-556 Rental \$5.00
J,S,C,A. Association-Sterling Films

A Plague On Your Children

Color

72 minutes

Chemical and Biological Weapons Rental \$40.00
S,C,A. Time - Life

A Proper Place - Keep America Beautiful

Color

8 minutes

J,S,C,A. No. F916 FREE Association-Sterling Films

Arteries of Life

Color

9 minutes

The interrelationship of water and forests in supplying life giving moisture to top soil. Picture what happens when forests are destroyed and water is no longer stored in the ground. No. 00650 FREE
J,S,C,A. Film Images

A Search For Ecological Balance

Color

38 minutes

Ecology and Environmental Education. Rental \$25.00
J,S,C,A. Film Images

At Home - 2001

Color

30 minutes

The complexities of a self sufficient home of the future.
No. 3005 FREE
J,S,C,A. Modern Talking Pictures

A Time for Searching

Color

22 minutes

Dramatizes the importance of agricultural research in assuring a continuing supply of food for our growing population. No. 1698 FREE
J,S,C,A. Modern Talking Picture

A Trip From Chicago

Color

30 minutes

Vehicles of the Future. No. 3003 FREE
J,S,C,A. Modern Talking Picture

Audubon and the Birds of America

Color

16 minutes

The life and works of John James Audubon. No. 00730
FREE
I,J,S,C. New Jersey State Museum

Bald Eagle Color 37 minutes

Shows the dwindling Bald Eagle in its last strongholds -
Alaska and Florida. No. 00870 FREE
J,S,C,A. New Jersey State Museum

Before The Mountain Was Moved Color 58 minutes

Two part film about careless mining practices. Rental \$50.00
S,C,A. McGraw-Hill

Between the Tides Color 22 minutes

Shows the plant and animal life found in rock pools and
and shallow waters. No. 01020 FREE
J,S,C,A. New Jersey State Museum

Biography of A City Color 20 minutes

Trenton, New Jersey - Its Story. No. 01090 FREE
J,S,A. New Jersey State Museum

Bird Identification Color 12 minutes

Former childrens curator at the Kansas City Museum
discusses bird identification. Part I - No. 01110,
Part II - No. 01120. FREE
All New Jersey State Museum

Birds of Prey B/W 11 minutes

Portrays nest life and other activities of representative
species. No. 01150 FREE
I,J,S,C. New Jersey State Museum

Birth of a Volcano B/W 10 minutes

Birth and development of the Mexican Volcano Paracutin.
No. 01190 FREE
J,S,C. New Jersey State Museum

Birth of the Soil Color 11 minutes

How topsoil is produced from rock, water, air and
sunlight over a period of many centuries. No. 01180
FREE
I,J. New Jersey State Museum

Breath of Spring Color 23 minutes

British Columbia. Film shows the seasonal magic. - the
awakening earth warmed by Pacific breezes, meadows of
wildflowers, and geese and ducks turning north.
No. 01460 FREE
I,J,S. New Jersey State Museum

Briefly about Fallout

Color

9 minutes

Employing both live action and animation to show the nature of radioactive fallout and its effect on life.

No. 01475

FREE

J,S,C,A.

New Jersey State Museum

Boomsville

Color

10 minutes

About man and his city environment. Rental \$15.00

I,J.

Learning Corp of America

Canyon Country

Color

14 minutes

Descriptive tour of the Grand Canyon emphasizing that dimensions and facts relevant to the canyon do not reveal the true story. No. 01700

FREE

I,J.

New Jersey State Museum

Cave Ecology

Color

15 minutes

The interrelationships of living things. Rental \$17.50

I,J,S,C,A.

Centron Ed. Films

Challenge of the Oceans

Color

27 minutes

Examines the variety of currents, relationship of oceans to weather and climate; composition of sea water; topography of ocean bottom. No. 01260

FREE

J,S,C.

New Jersey State Museum

Cities of the Future

Color

30 minutes

Studies the problems man must face to avoid having the city become a disorganized, unimaginative megalopolis.

No. 3011

FREE

J,S,C,A.

Modern Talking Picture

Cities, Why They Grow.

Color

12 minutes

Illustrates reasons for growth of cities. No. 02180

FREE

J,S,C,A.

New Jersey State Museum

Colorado River

Color

10 minutes

River cutting across Colorado, Utah, and Arizona. Contrasts river's natural state with parts dammed to provide electric power and irrigation water. No. 02280

FREE

I,J,S.

New Jersey State Museum

Conquering the Sea Color 30 minutes

Students are taken into the future, where men will mine the oceans for minerals, food, and living. No. 3013
I,J,S,C,A. Modern Talking Picture

Conserving a Heritage Color 16 minutes

Efforts of oilmen to protect fish and wildlife as they search for petroleum in remote regions of the United States.
No. 02430 FREE
J,S. New Jersey State Museum

Ecological Systems - Antarctica Color 13 minutes

Basic ecological principles in an ecologically unspoiled laboratory. Rental \$20.00
I,J,S. Avis Inst. Media

Ecology - Checks and Balances Color 14 minutes

Excellent film illustrating predator-prey relationship concept of population control. Rental \$15.00
I,J,S,C. Pyramid Films

Ecology - Olympic Rain Forest Color 20 minutes

The ecological significance of the Olympic Rain Forest.
Rental \$12.50
J,S,C,A. Instructional Film Bureau

Ecological Probe - Planet Earth Color 10 minutes

The environmental problem in general. An unusual approach. Rental \$45.00
I,J,S,C. Fordham Publishing Co.

Eggs Color 10 minutes

Illustrates possible future environments. Rental \$20.00
I,J,S. Film Images

Environment Color 28½ minutes

An excellent film illustrating the degradation of our environment. Rental \$25.00
J,S,C,A. BFA

Eruption of Kilauea Color 28 minutes

Shows Hawaii's Kilauea Volcano erupting. Filmed by scientists and rangers from its natural park.
No. 03320 FREE
I,J,S,C,A. New Jersey State Museum

Eternal Forest Color 21 minutes

Narrated by Gregory Peck; film deals with man and his environment - specifically the forests and woodlands.

No. 03365 FREE

I,J,S,C,A. New Jersey State Museum

Face of Disaster B/W 11 minutes

Highlights of some of our recent major disasters; the great Alaskan Earthquake, floods, tornadoes in the midwest. No. 03430 FREE

J,S,C,A. New Jersey State Museum

Fallout and Agriculture Color 23 minutes

Discusses and illustrates radio-active elements and their relationships to crops. No. 03540 FREE

J,S,C. New Jersey State Museum

Flood Weather Color 30 minutes

Government forecasts weather conditions for river navigation and flood protection. No. 03930 FREE

J,S,C,A. New Jersey State Museum

Forest Babies Color 12 minutes

Shows baby bears, badgers, fawn, rabbits, skunks, woodchucks and coyotes in natural setting.

No. 04070 FREE

P,E,I. New Jersey State Museum

From The Face of the Earth Color 16 minutes

Excellent science fiction story about pollution. Rental \$20.00

I,J,S. King Science Productions

Garbage Color 10½ minutes

The Solid waste problem. Rental \$15.00

All King Science Productions

Glenn Canyon Color 29 minutes

The Glenn Canyon Story. Plea for sensible conservation practices. Rental \$5.00

J,S,C,A. Association-Sterling Films

Good Life Color 20 minutes

Film covers the story and development of urban New Jersey. New Jerseys place in megalopolis is made quite evident.

No. 04525 FREE

All New Jersey State Museum

Grassland Ecology - Habitat and Change Color 13 minutes

Illustrates the interactions of living things. Rental \$17.50
I,J,S,C. Centron Ed. Films

Heritage of Spendor Color 18 minutes

A plea to "Keep America Beautiful." No. 5336 FREE
J,S. Association-Sterling Films

Homes Around The World Color 11 minutes

Describes the different kinds of houses found in the
various climates of the world and emphasizes the effect
of environment upon these structures. No. 04920 FREE
P,I,J. New Jersey State Museum

How Birds Help Us Color 11 minutes

Birds help to man by providing food, destroying harmful
insects, rodents, etc. No.05000 FREE
P,I. New Jersey State Museum

How Insects Help Us Color 11 minutes

Two boys learn about many useful insects. Values of
insects, to man. No. 05050 FREE
P,I. New Jersey State Museum

How Trees Help Us Color 10 minutes

Presents the importance of trees to humans and to animals.
No. 05210 FREE
P,I. New Jersey State Museum

I Like Trees Color 9 minutes

Trees and their importance in various environments.
Rental \$15.00
P,I. Aims

I Like Water Color 8 minutes

Water and its importance in nature. Rental \$15.00
P,I. Aims

In A Box B/W 5 minutes

Man - trapped in a box. Rental \$10.00
I,J,S,C,A. Learning Corp of America

In Pursuit of Happiness Color 25 minutes

Innovative uses of wood to cope with mans increasing
demand for land and living space. No. 4096 FREE
J,S,C. Modern Talking Pictures

It's Your Decision - Clean Water Color 14 minutes
 A report on the nation's water crises. No. 5823 FREE
 J,S,C,A. Association-Sterling

Lakes - Aging and Pollution Color 15 minutes
 The lake, its inhabitants and its history. Rental \$19.50
 I,J,S,C. Centron Ed. Films

Land of the Drowned River Color 27 minutes
 The natural history of the Del Marva Peninsula in
 Chesapeake Bay Area. The topographical diversity
 supplies a habitat for a variety of wildlife.
 No. 06185 FREE
 J,S,A. New Jersey State Museum

Later....Perhaps Color 26 minutes
 Explores the relationship of environmental problems
 to traditional courses such as history, mathematics
 and science through a variety of teaching experiences
 and situations both in the school and the community.
 J,S,C,A. N. J. State Council for Environmental Education
 Rental \$15

Life In A Tropical Forest Color 30 minutes
 The Ecosystem of the Jungle. Rental \$30.00
 I,J,S,C,A. Time - Life

Lets Keep America Beautiful Color 20 minutes
 Discusses litterbugs and how to keep our country clean.
 No. 06330 FREE
 I,J. New Jersey State Museum

Life Along the Waterways Color 11 minutes
 Wildlife in and near a New England stream from its source
 to the ocean. No. 06360 FREE
 New Jersey State Museum

Life In A Drop of Water Color 11 minutes
 Various single celled animals in a drop of water are
 shown in relation to their environment, meeting the
 minimum problems of all life. No. 06380 FREE
 J,S,C. New Jersey State Museum

Life In The Desert Color 11 minutes
 Presents a picture of life in the desert where plants
 and animals depend on other members for food and survival.
 No. 06400 FREE
 P,I,J. New Jersey State Museum

<u>Mineral King</u>	Color	28 minutes
The taking over of natural areas for commercial purposes.		
Rental \$5.00	No. S-570	
J,S,C,A.	Association-Sterling	
<u>Miners Ridge</u>	Color	26 minutes
The Glacier Peak Wilderness, adjacent to the Northern Cascades National Park. Rental \$5.00		
J,S,C,A.	Association-Sterling	
<u>Modern Mosquito Control</u>	Color	26 minutes
New techniques and insecticides. FREE		
J,S,C,A.	Modern Talking Picture	
<u>Modern Prospector</u>	B/W	15 minutes
Scientific tools and equipment of modern Prospectors in search for valuable mineral deposits. No. 07360 FREE		
J,S.	New Jersey State Museum	
<u>Multiply and Subdue</u>	Color	7 minutes
Population and the use of natural resources. Rental \$12.00		
I,J,S,C,A.	Pyramid Films	
<u>Multiply and Subdue the Earth</u>	Color	67 minutes
Documentary tracing the major environmental problems confronting society. Rental \$18.50		
S,C,A.	Indiana University	
<u>Nature As A Top Hat</u>	Color	10 minutes
Story of two boys who have nothing to bring to their nature study class. Therefore, they borrow a few tricks from a magician. No. 0757 FREE		
P,I.	New Jersey State Museum	
<u>Nature Next Door</u>	Color	28 minutes
Insects, reptiles, birds, plants, mammals in nature. Rental \$5.00		
I,J.	Association-Sterling	
<u>Natures Plan</u>	Color	14 minutes
The water cycle as natures plan for providing all living things with life giving water. Storage and distribution of water; role of watersheds and other agents which hold back water under natural conditions. No. 07590 FREE		
J,S,C,A.	New Jersey State Museum	

New Guidelines for the Well Landscaped Home Color

Outlines in simple terms and clearly visualizes the things one should know before undertaking a landscape project.

No. 07700

FREE

J,S,A.

New Jersey State Museum

Noble Venture

Color

28 minutes

A vital area of conservation - the protection and propagation of exotic game. No. 4059 FREE

J,S,C.

Modern Talking Picture

No Deposit - No Return

Color

10 minutes

The condition of the land and the people who live on it.

Rental \$15.00

J,S,C,A.

Centron Ed. Films

No Room for Wilderness?

Color

26 minutes

The threat to wilderness areas. Rental \$5.00

No. 5731

I,J,S.

Association-Sterling

No Time To Waste

Color

13½ minutes

How the diesel engine works and how it was modified to low pollution performance. No. 4243 FREE

J,S.

Modern Talking Picture

Number One Bush

Color

22 minutes

Timber harvesting, reforestation, resource usage, and paper making. Beautiful photography. No. 3920 FREE

J,S,C,A.

Modern Talking Picture

Once There Was A World

Color

10 minutes

An interesting film about population and the population explosion.

S,C,A,

No. 07996

New Jersey State Museum

Our Land Needs Your Help

Color

13 minutes

How young people can get involved and help in solving environmental problems. Rental \$8.00

P,I,J.

Arthur Barr Productions

Our Land, Its Many Faces

Color

14 minutes

The conservation movement since the time of Jefferson.

FREE

No. 08130

I,J,S.

New Jersey State Museum

Our Poisoned World-Pesticides Color 30 minutes

Pesticides and biological magnification.

I,J,S,C,A. Rental \$30.00 Time-Life

Our Poisoned World - Water Color 30 minutes

The story of Lake Michigan. Rental \$30.00

I,J,S,C,A. Time-Life

Our Vanishing Wilderness: Of Broccoli and Pelicans and Celery and Seals Color 30 minutes

Pesticides and their effect on Plants and Wildlife.

Rental \$11.50

I,J,S,C,A. Indiana University

Our Vanishing Wilderness Prudhoe Bay or Bust Color 30 minutes

The Trans-Alaska oil pipeline. Rental \$11.50

I,J,S,C,A. Indiana University

Our Vanishing Wilderness-Slow Death Of Desert Water Color 30 minutes

Reflections of a game warden on a lake in a desert area.

Rental \$11.50

I,J,S,C,A. Indiana University

Our Vanishing Wilderness: The Prairie Killers Color 30 minutes

Prey-predator relationships on the prairie. Rental \$11.50

I,J,S,C,A. Indiana University

Our Vanishing Wilderness: The Water Is So Clear A Blind Man Can See Color 30 minutes

American Indians living in harmony with the land. Rental \$11.50

J,S. Indiana University

Paradise Lost Color 4 minutes

Air Pollution and its threat to living things (cartoon form)

Rental \$15.00

P. Benchmark Films

Patterns of the Wild Color 20 minutes

Through the eyes of a fox, you see that wildlife does not merely live in a forest but is part of its structure.

Outstanding wildlife photography. FREE No. 08401

P,I,J,S,A. New Jersey State Museum

Pests or Plenty Color 13 minutes

Farmers need for safe, effective pest control techniques; shows variety of techniques and tools for protecting crops. FREE No. 08500
S,A. New Jersey State Museum

Population and Pollution Color 17 minutes

All of the environmental problems confronting society are discussed. Rental \$12.50
J,S,C,A. International Film Bureau

Problems of Conservation: Our Natural Resources Color 11 minutes

Our resource crises. Rental \$8.00
J,S,C,A. Encyclopedia Ed. Corp.

Protection Against Nuclear Radiation Color 9 minutes

Describes the protection measures to reduce the hazards of nuclear radiation. FREE No. 09045
S,C,A. New Jersey State Museum

Pure Water and Public Health Color 28 minutes

Water, making it safe, how a water supply system works, and possible future water shortages in the U.S. FREE
No. 1347 J,S,C,A. Modern Talking Picture

Redwoods-Saved? Color 3½ minutes

The continuing threat to the Redwoods. Rental \$8.00
No. S719 J,S,C,A. Association-Sterling

River, Where Do You Come From? Color 10 minutes

The life history of a river - Excellent photography and music. Rental \$10.00 P,I,J,S,A. Learning Corporation of America

Rocks and Minerals Color 11 minutes

Illustrates the formation of the various kinds of rocks and the ways they can be classified. FREE No. 09570
I,J. New Jersey State Museum

<u>Run Around</u>	Color	17½ minutes
Clever, satiric talk; imaginatively and entertainingly discusses a search for resources responsible for polluting the air. FREE No. 09655 S,C,A. New Jersey State Museum		
<u>San Francisco Bay</u>	Color	28 minutes
The beauty and problem of the Bay and a strong plea for its preservation. FREE S-178 I,J,S,C,A. Association-Sterling Films		
<u>Sea Coast</u>	Color	11½ minutes
Interdependence of living things in a seacoast environment. Rental \$15.00 I,J,S,C,A. AV-ED Films		
<u>Science of the Sea</u>	Color	19 minutes
Describes the relationship of the ocean to man's life, food, and water. Uses animation and live action photography. FREE No. 09850 J,S,C. New Jersey State Museum		
<u>Small Wilderness</u>	Color	30 minutes
Wildlife in a small wilderness in the delta region of the Rhone River in France. Rental \$30.00 I,J,S,C,A. Time-Life		
<u>Snakes: Second Edition</u>	Color	11 minutes
Reviews the general characteristics of snakes and explains their method of locomotion, eating habits, eye structure, poisonous snakes. FREE No. 10260 I,J,S. New Jersey State Museum		
<u>Snakes Can Be Interesting</u>	Color	10 minutes
Value of snakes, how to distinguish poisonous from non-poisonous. FREE No. 10280 I,J. New Jersey State Museum		
<u>Soil and Water Conservation</u>	B/W	10 minutes
Demonstrates conservation farming methods necessary to protect water and soil resources. FREE No. 10370 I,J. New Jersey State Museum		
<u>Soundings: On the Future of San Francisco Bay</u>	Color	13½ minutes
San Francisco Bay - recommendations for development and protection. FREE No. F 316 J,S,C,A. Association-Sterling		

Spring Comes Again: A Story for Four Seasons Color 10 minutes

The water cycle and its importance to all life and the characteristics and purpose of the 4 seasons. FREE
P,I,J. New Jersey State Museum

Streams Color 15 minutes

Story of a stream and the myriad of plants and animals whose presence shapes its characteristics. FREE
I,J,S,C,A. No. 10740 New Jersey State Museum

The Aging Of Lakes Color 14 minutes

Mans influence in the natural process of the aging of lakes. Rental \$9.00 I,J,S. Encyclopaedia Britannica

The Ark Color 20 minutes

Interrelationships of man and the natural environment.
Rental \$20.00 I,J,S.C.A. Arthur Barr Prod.

The Ballad of Trees Color 25 minutes

American forests - products, recreation, and aesthetic values. FREE J,S,C,A. No. 4241 Modern Talking Pictures

The Case Against Chicken Little Color 15 minutes

How people government and industry can work together to improve the environment. FREE No. 4378
J,S,C,A. Modern Talking Pictures

The Challenge of Six Billion Color 27½ minutes

Illustrates that modern technology has the capability to harness the earth's natural resources, increase food, and find answers to our growing urban-industrial societies.
FREE No. 4171 Modern Talking Pictures

The Changing Forest Color 18 minutes

Depicts the development of a forest with emphasis upon the evolutionary and biological aspects of life. FREE
No. 01880 S,C,A. New Jersey State Museum

The Crowd B/W 20 minutes

Overpopulation and mental health. Rental \$10.00
J,S,C,A. Learning Corp of America

<u>The Drowning Boy</u>	Color	9 minutes
The San-Francisco Bay Story. Rental \$15.00 I,J. King Screen Productions		
<u>The Earth Will Blossom</u>	Color	20 minutes
The worlds water shortage problem. Rental \$8.00 S,C,A. BFA		
<u>The Endless Search</u>	Color	28 minutes
Recycling of Old Automobiles and steel. FREE S,C,A. No. 2588 Association-Sterling		
<u>The End of One</u>	Color	7 minutes
Pollution and its effects on animals. Rental \$15.00 I,J,S,C,A. Learning Corp of America		
<u>The Farm</u>	Color	28 minutes
Farm management to give maximum help to wildlife. FREE J,S,C,A. No. 3181 Modern Talking Pictures		
<u>The Forest</u>	Color	28 minutes
Illustrates, using examples from Western forests, the multiple use of National Forests for commercial, gaizing and recreation. FREE No. 04060 J,S,C,A. New Jersey State Museum		
<u>The Forever Living Forest</u>	Color	27 minutes
The Redwood Story. FREE No. 13510 I,J,S,C,A. Association-Sterling		
<u>The Garbage Explosion</u>	Color	16 minutes
Solid waste disposal problem. Rental \$9.00 I,J,S. Encyclopaedia Brittanica		
<u>The Gifts</u>	Color	28 minutes
The water pollution problem that faces our country. FREE No. 3905 I,J,S,C,A. Association-Sterling		
<u>The Grand Canyon</u>	Color	26 minutes
A trip through the Grand Canyon. The Canyon is a universe in itself and that a living river is vital to keeping the canyon alive. Rental \$5.00 No. S 575 I,J,S,C,A. Association-Sterling		

<u>The Human Element</u>	Color	30 minutes
<p>Man's increasing struggle to control the forces of nature and improve his way of life. FREE No. 1950 J,S,C,A. Modern Talking Pictures</p>		
<u>The Last Frontier</u>	Color	28½ minutes
<p>Public lands and man's desperate fight to keep them. FREE No. 1313 J,S,C,A. Associated-Sterling</p>		
<u>The Leading Edge</u>	Color	27 minutes
<p>Ways of satisfying man's insatiable need for energy. FREE. No. 4411 J,S,C,A. Modern Talking Pictures</p>		
<u>The Litter Bug</u>	Color	7 minutes
<p>Walt Disney Cartoon - Donald Duck and the fight against litter. FREE No. S 996 P,I,J. Association-Sterling</p>		
<u>The Living Earth</u>	Color	10 minutes
<p>Illustrates the interdependence of living things. Rental \$10.00 I,J,S,A. Pyramid Films</p>		
<u>The Mosquito Fighters</u>	Color	21 minutes
<p>Mosquito control, public health disease prevention. Photographed in bayous of Southern Louisiana. Rental \$25.00 I,J,S. Stuart-Finley</p>		
<u>The Mountains</u>	Color	14 minutes
<p>Mountain forms and the living things that live in different mountain environments. Rental \$8.00 I,J. Arthur Barr Productions</p>		
<u>The Oceans: A First Film</u>	Color	11 minutes
<p>All the world's land is surrounded by water, the home of the world's life. Affects weather, climate. Is source of food. Influences all living things. P,E. No. 07976 New Jersey State Museum</p>		

<u>The Paper Forest</u>	Color	28½ minutes
The modern science of the tree farmer, the logger, and machinery used in paper making. FREE No. 2593 J,C,A. Modern Talking Pictures		
<u>The Poisoned Planet</u>	Color	19 minutes
The pesticide problem in America. Rental \$24.00 J,S,C,A. McGraw-Hill		
<u>The Race Is Losing</u>	Color	30 minutes
The air, water, and solid waste problem. Rental \$30.00 J,S,C,A. Time-Life		
<u>The Redwoods</u>	Color	20 minutes
Redwoods National Park - A journey. Rental \$5.00 J,S,C,A. No. S541 Association-Sterling		
<u>The Redwood Tree</u>	Color	15 minutes
Introduces the Redwood Tree, one of the ancient plant forms of the world. FREE No. 09340 J,S,C. New Jersey State Museum		
<u>The Restless Sea</u> (2 Parts)	Color	50 minutes
Describes the composition of seawater, tides, waves, currents, plant and animal life in the sea. New techniques of studying the sea floor. FREE No. 09480 J,S,C. New Jersey State Museum		
<u>The Tragedy of Commons</u>	Color	23 minutes
Overpopulation and the use of natural resources. Rental \$35.00 J,S,C,A. King Science Productions		
<u>There Will Be A Slight Delay</u>	Color	28 minutes
A look at America's transportation problems. FREE S,C,A. No. 4184 Modern Talking Pictures		
<u>The Second Side</u>	Color	14½ minutes
Approaches to curbing Solid Waste problems. FREE J,S,C,A. No. 4141 Modern Talking Pictures		
<u>The Shadow Of Progress</u>	Color	26 minutes
An examination of our technological, affluent age. FREE No. 4230 Modern Talking Pictures		

A Story of Muddy Run Color 55 minutes

Historical background of Lancaster, Pa., and emphasizes the preservation and utilization of a great natural resource - water. FREE No. 3673
J,S,C,A. Modern Talking Pictures

The Trouble With Trash Color 28 minutes

Documentary on spiraling solid waste disposal problems. FREE No. 3838 J,S,C,A. Modern Talking Pictures

This Vital Earth Color 10 minutes

Essentials for survival, interdependence of plants and animals, how man has upset the nature balance by depleting soil. FREE No. 11130 J,S,C, New Jersey State Museum

The Wonder of Water Color 27 minutes

America's waterways, water resources. FREE No. S 512
J,S. Association-Sterling

Threshold of Tomorrow Color 27 minutes

The varied responsibilities of U.S. Industry. Effort to satisfy consumer, yet protect and replenish Natural Resources. FREE No. 3840
J,S,C,A. Modern Talking Pictures

Time To Live Color 29 minutes

Human progress dependent on production and utilization of cheap, versatile sources of energy; some sources of energy that meet the criteria. FREE No. 11200
S,C,A. New Jersey State Museum

To Conserve and Protect Color 14½ minutes

Noise pollution, its causes, effects and what can be done about it. FREE No. 3866
J,S,C,A. Time-Life

Torry Canyon Color 26 minutes

The story of the great oil Tanker - Torrey Canyon and wreckage. Rental \$20.00
J,S,C,A. Time-Life

To Touch The Sky Color 28½ minutes

Exploration of modern forestry. Man and science striving to produce more and "better" trees. FREE
I,J,S. No. 4392 Modern Talking Pictures

Toward Cleaner Air Color 15 minutes

How industry is cooperating with local governments to help combat Air Pollution. FREE No. F 701
S,C,A Association-Sterling

Treehouse Color 9 minutes

Man, his culture, his environment and the proper use of resources. Rental \$15.00
I,J,S,C,A. King Science Productions

Trees: Their Importance To Man Color 14 minutes

Fosters an appreciation for trees and how they have been important to man. Rental \$8.00
P,I,J. AV-Ed

Trek To The Tetons Color 22 minutes

A trip through the Tetons in Wyoming, its natural wonders and wildlife. FREE No. S 443
J,S,A. Association-Sterling

Turn Off Pollution Color 11 minutes

Students involved with improving the environment. Rental \$8.00 P,I. Encyclopaedia Britannica

Two Deserts - Sahara and Sonora Color 16 minutes

Characteristics of the deserts. Rental \$20.00
J,S,C. Learning Corp of America

Two Mountainlands - Alps and Andes Color 15 minutes

People and their interaction and interdependence with the land. Rental \$20.00 J,S,C,A.
Learning Corp. of America

Two Yosemite Color 10 minutes

The tragedy of the lost Yosemite. Rental \$5.00
J,S,C,A. No. S 560 Association-Sterling

Unchained Goddess Color 59 minutes

Describe the winds, clouds, rain, lightning and the forces of nature that provides us with weather. FREE
J,S. No. 11550 New Jersey State Museum

Understanding the Earth: How Its Surface Changes B/W 11 minutes

Forces which build up and wear down the earth's surface over long periods of time. FREE No. 11600
I, J. New Jersey State Museum

<u>Unseen Journey</u>	Color	28 minutes
How oil is brought to the surface and transported. FREE No. S 389 J,S. Association-Sterling		
<u>Wasted Woods</u>	Color	15 minutes
The savage destruction of a forest. Rental \$5.00 J,S,C,A. No. S 562 Association-Sterling		
<u>Water</u>	Color	14 minutes
Animation, still, and live action photographs to point out the many water problems found throughout the world. FREE No. 3830 J,S,C. Modern Talking Pictures		
<u>Water</u>	Color	27 minutes
Excellent film that explores the esthetic and practical use of water. FREE No. 3830 J,S,C,A. Modern Talking Pictures		
<u>We Explore the Stream</u>	Color	10 minutes
Describes the characteristic elements of a stream environment. FREE No. 12000 P,E,I. New Jersey State Museum		
<u>What Ecologists Do</u>	Color	15½ minutes
An excellent description of the ecologist and his work. Rental \$21.00 I,J,S,C,A. Centron Ed. Films		
<u>What It Takes Is Time</u>	Color	14 3/4 minutes
Drugs, antibiotics and other chemicals found in meat; methods of detecting and analyzing. FREE No. 3946 J,S,C,A. Modern Talking Pictures		
<u>Whats Under the Oceans</u>	Color	14 minutes
Uses animation, models, and live action photography to picture the methods used by man to explore the ocean depths. FREE No. 12160 I,J,S. New Jersey State Museum		
<u>Whiteface of Yellowstone</u>	Color	27 minutes
A tour of Yellowstone, its natural wonders and wildlife. FREE No. 2371 J,S,A. Association-Sterling		
<u>Wilderness Alps of Stehekin</u>	Color	30 minutes
A trip through the Northern Cascades of Washington. Rental \$5.00 S-563 J,S,C,A. Association-Sterling		

Wilderness River Trail Color 28 minutes

A study of Dinosaur National Monument and its threatened rivers. Rental \$5.50 No. S 564
J,S,A. Association-Sterling

Wilderness Trail Color 14 minutes

Pack trip into Bridges Wilderness area in Wyoming. Care and protection of natural state of reservation. FREE
I,J,S,C,A. No. 12310 New Jersey State Museum

World In A Marsh Color 22 minutes

Extreme close-up photography to present a miniature world of natural adaptation to the environment. FREE
No. 12570 S,C. New Jersey State Museum

World Is Born Color 20 minutes

Biography of the first 2 billion years of planet earth.
FREE No. 12580 I,J,S,C,A. New Jersey State Museum

Yosemite National Park Color 19 minutes

Its geology, history, and beauty. FREE No. 12660
P,I,J,S,A. New Jersey State Museum

PG	P	I	J	S	C	A																						
			X	X	X	X	Above the Timberline (The Alpine Tundra Zone)																					
			X	X	X	X	Adelie Penguins of the Antarctic																					
			X	X	X	X	Adventures of Junior Raindrop																					
			X	X	X	X	Adventure Rivers																					
			X	X	X	X	Altered Environments: An Inquiry Into American Wildlands																					
			X	X	X	X	American Bald Eagle																					
			X	X	X	X	A Mountain Day																					
			X	X	X	X	Animal Adaptations In A Northern Environment																					
			X	X	X	X	An Island In Time																					
			X	X	X	X	A Plague On Your Children																					
			X	X	X	X	A Proper Place - Keep America Beautiful																					
			X	X	X	X	Arteries of Life																					
			X	X	X	X	A Search for Ecological Balance																					
			X	X	X	X	At Home - 2001																					
			X	X	X	X	A Time For Searching																					
			X	X	X	X	A Trip From Chicago																					
			X	X	X	X	Audubon and the Birds of America																					
			X	X	X	X	Bald Eagle																					
			X	X	X	X	Before the Mountain was Moved																					
			X	X	X	X	Between the Tides																					
			X	X	X	X	Biography of A City																					
			X	X	X	X	Bird Identification																					

PG	P	I	J	S	C	A
			X	X	X	Later....Perhaps
		X	X	X	X	Life In A Tropical Forest
		X	X			Lets Keep America Beautiful
	X	X				Life Along the Waterways
			X	X	X	Life In A Drop of Water
	X	X	X			Life In the Desert
		X	X	X		Life In the Forest
		X	X			Life In the Ocean
		X	X			Life In the Woodlot
		X	X			Litter Monster
		X	X	X	X	Man and the Machine
		X	X			Man's Effect on the Environment
		X	X	X	X	Man's Problem
	X	X	X	X	X	Men At Bay
		X	X	X	X	Mineral King
		X	X	X	X	Miners Ridge
		X	X	X	X	Modern Mosquito Control
		X	X			Modern Prospector
	X	X	X	X	X	Multiply and Subdue
			X	X	X	Multiply and Subdue the Earth
	X	X				Nature As A Top Hat
	X	X				Nature Next Door
	X	X	X	X	X	Natures Plan

[illegible]

[illegible]

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PG	P	I	J	S	C	A																				A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
				X	X	X	Two Yosemite				X																																
				X	X		Unchained Goddess					X																															
		X	X				Understanding the Earth: How Its Surface Changes				X																																
				X	X		Unseen Journey				X																																
				X	X	X	Wasted Woods						X																														
				X	X	X	Water							X																													
				X	X	X	Water							X																													
	X	X	X				We Explore the Stream		X																																		
		Y	X	X	X	X	What Ecologists Do		X	X																																	
				X	X	X	What It Takes Is Time																				X																
		X	X	X			Whats Under the Oceans																																				
				X	X	X	White Face of Yellowstone																																				
			X	X	X	X	Wilderness Alps of Stehekin																																				
			X	X	X	X	Wilderness River Trail																																				
		X	X	X	X	X	Wilderness Trail																																				
					X	X	World In A Marsh		X																																		
		X	X	X	X	X	World Is Born		X																																		
	X	X	X	X	X	X	Yosemite National Park		X		X	X																															

Film Distributors

Aims Instructional Media Services
P.O. Box 1010
Hollywood, California 90028

Alfred Higgins Productions
9100 Sunset Boulevard
Los Angeles, California 90069

American Educational Films
331 Maple Drive
Beverly Hills, California 90210

Arthur Barr Productions
P.O. Box 7-C
Pasadena, California 91104

Association-Sterling Films
600 Grand Avenue
Ridgefield, New Jersey 07657

AV-ED Films
7934 Santa Monica Boulevard
Hollywood, California 90046

Benchmark Films
145 Scarborough Road
Briarcliff Manor, New York 10510

B.F.A. Educational Media
2211 Michigan Avenue
Santa Monica, California 90404

Centron Educational Films
1621 W. 9th Street
Lawrence, Kansas 66044

Coronet Films
65 E. South Water Street
Chicago, Illinois 60601

Encyclopaedia Britannica Educational Corporation
425 N. Michigan Avenue
Chicago, Illinois 60611

Film Images
17 W. 60th Street
New York, New York 10023

Fordham Publishing Company
2377 Hoffman Street
Bronx, New York 10458

Indiana University Audio-Visual Center
Bloomington, Indiana 47401

International Film Bureau
332 S. Michigan Avenue
Chicago, Illinois 60604

King Screen Productions
320 Aurora Avenue
North Seattle, Washington 98109

Learning Corporation of America
711 Fifth Avenue
New York, New York 10022

McGraw-Hill Films
330 W. 42nd Street
New York, New York 10036

Modern Talking Picture Service
315 Springfield Avenue
Summit, New Jersey 07901

Neubacher-Vetter Film Productions
1750 Westwood Boulevard
Los Angeles, California 90024

New Jersey State Council for Environmental Education
at Montclair State College
Upper Montclair, New Jersey 07043

New Jersey State Museum *
Film Loan Service
Trenton, New Jersey 08625

Pyramid Films
Box 1048
Santa Monica, California 90406

Scott Foresman and Company
Film Distribution Center
305 E. 45th Street
New York, New York 10017

*New Jersey State Museum Films

To order films from the State Museum, order forms must be used. For order forms, write to the State Museum or call 609-292-6313.

Science Research Associates
259 E. Erie Street
Chicago, Illinois 60611

Sterling Educational Films
241 E. 34th Street
New York, New York 10016

Stuart Finley Incorporated
3428 Mansfield Road
Falls Church, Virginia 22041

Time-Life Films
43 W. 16th Street
New York, New York 10011

Xerox Films
Department 102
High Ridge Park
Stanford, Connecticut 06904

SECTION G

PROGRAM AND MATERIALS EVALUATION CRITERIA FOR

ENVIRONMENTAL EDUCATION *

A.

1. Materials are designed for (Circle grade(s)):

Preschool	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Grad
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2. An interdisciplinary approach is utilized. Yes No
3. Materials are basically problem oriented. Yes No
4. Materials are designed to take advantage of the broadest possible education frame: integration of classroom and beyond classroom opportunities. Yes No
5. Materials are designed with stated behavioral objectives in mind. Yes No
6. Materials provide teachers with other sources of materials and aids. Yes No
7. Materials are designed to be presented as a separate unit apart from other curriculum materials. Yes No
8. Material is directly geared to teacher use. Yes No
9. Material is directly geared to student use. Yes No
10. Student experiences and activities are appropriate for students use in view of grade level in which material will be used. Yes No

B. Checklist (Rating Scale)

5 - Outstanding 4 - Strong 3 - Mediocre 2 - Weak 1 - Poor N/A Not Applic.

Material	5	4	3	2	1	N/A
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1. is visually attractive
2. is sequential and easily flows from grade level to grade level
3. stresses experiences that lead to positive value formation

* After Dr. E. J. Ambry, revised and expanded by Louis A. Iozzi, Consultant in Environmental Education - New Jersey State Department of Education.

4. contains activities that develop positive styles for coping with environmental delemmas
5. is factually accurate
6. shows evidence of having been subjected to testing and have been modified on the basis of the results
7. is phrased in language easily understood by age level for which it is designed
8. can be integrated with other curriculum materials
9. leads student to seek the use of many sources of information
10. helps children learn to perceive environmental problems on their own
11. gets students involved in studying other peoples reactions to environmental delemmas
12. leads children to explore man -- his origins, his potentials, and his failings as a species
13. helps students develop understanding of basic ecological concepts
14. stresses and help students to develop an understanding of the interrelated nature of environmental education
15. leads to realistic student action projects
16. encourages examination of the potential consequences of actions
17. stimulates group communication, activity, and cooperation
18. emphasizes environmental problems of the geographic location in which it is to be used (i.e, urban, rural, suburban
19. Encourages and facilitates direct "hands-on" experiences for students

5 4 3 2 1 N/A

- 20. contains illustrations that are helpful to the learning process
- 21. is presented in a manner that fosters high student interest
- 22. is organized in a manner that facilitates effective learning
- 23. articulates well with present course of study or needs of students
- 24. emphasizes discipline in which they will be used